VISION FOR ACTIVEMQ IMPROVEMENTS

ACTIVEMQ

- WORLD-CLASS
- POPULAR
- WIDELY-USED

WHAT ARE WE TALKING ABOUT

- IMPROVEMENTS
- ACTIVEMQ CLUSTERING
- EASE-OF-USE
- MONITORING

ACTIVEMQ

- CLUSTERING
- TOPOLOGIES
- SCALING

CLUSTERING

- [ ] MULTIPLE SERVERS
- [ ] EXPAND CAPABILITIES BEYOND SINGLE SERVER
- [ ] H/A
- [ ] INCREASED NUMBERS OF CLIENTS
- [ ] LOCALIZED PERFORMANCE IN DISTIBUTED SYSTEM

TOPOLOGIES

- ARCHITECTURE

- CLUSTERING LANDSCAPE

- SERVERS

- CONNECTIONS

ACTIVEMQ-NOB

- MANAGING BROKER CONFIGURATIONS
- SIMPLIFIED TOPOLOGY CREATION

CENTRALIZED STATISTICS

- COLLECTION TOOLING
- CENTRAL NETWORK CONTROLLER

CENTRAL NETWORK CONTROLLER

- ADVANCED ROUTING

- SOLUTION TO TEMP DEST RACE CONDITIONS

- NETWORK-WIDE METRICS

TEMPORARY DESTINATIONS

- CENTRAL SERVER
  - REGISTRY
  - NOTIFICATIONS
  - ROUTING
- BROKERS QUERY CENTRAL SERVER

ADVANCED ROUTING

- BROKER-TO-BROKER BRIDGE
- COMMAND-DRIVEN
- ROUTING LOGIC IN CENTRAL SERVER